

LISTING OF CLAIMS (CORRECTED)

This listing of claims will replace all prior versions, and listings of claims in the application:

1. **(currently amended)** A single recombinant protein comprising peptides from two or more stages in a life cycle of *Plasmodium falciparum*, wherein each peptide comprises an antigenic epitope comprising ~~the~~ an amino acid sequence as set forth as SEQ ID NOs: 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, or 25.

2. **(canceled)**

3. **(currently amended)** A recombinant protein comprising ~~peptides from two or more stages in a life cycle of *Plasmodium falciparum*, wherein the amino acid sequence encoding the protein comprises the amino acid sequence set forth as SEQ ID NO: 2.~~

FV 4. **(original)** The protein of claim 1, further comprising a signal peptide polyhistidine, and a T-cell helper epitope.

5. **(currently amended)** The protein of claim 1, wherein the stages are ~~one or more of~~ selected from sporozoite stage, liver stage, blood stage ~~or~~ and sexual stage.

6. **(previously presented)** The protein of claim 5, comprising at least one antigenic epitope from each of the sporozoite, liver, blood, and sexual stages of *Plasmodium falciparum* life cycle.

7-9. **(canceled)**

10. **(currently amended)** A protein composition comprising the recombinant protein of claim 1, in a pharmaceutically acceptable carrier.

11-12. (canceled)

13. (new) The protein of claim 1, wherein each antigenic epitope consists of an amino acid sequence as set forth as SEQ ID NOs: 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, or 25.

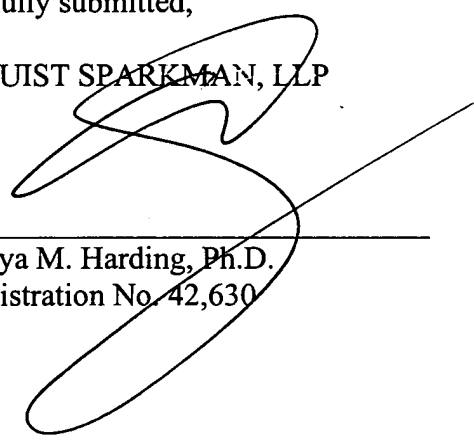
CONCLUSION

It is respectfully submitted that, in light of the arguments and amendments made in the June 19, 2003 Response, the present claims are in a condition for allowance. If it may further issuance of these claims, the Examiner is invited to call the undersigned at the telephone number listed below.

Respectfully submitted,

KLARQUIST SPARKMAN, LLP

By



Tanya M. Harding, Ph.D.
Registration No. 42,630

One World Trade Center, Suite 1600
121 S.W. Salmon Street
Portland, Oregon 97204
Telephone: (503) 226-7391
Facsimile: (503) 228-9446